

ABSTRACT OF THE DISCLOSURE

A flat lamp for emitting light to a surface area of a liquid crystal display device includes a bottom having a channel uniformly crossing an entire surface of the bottom, an arc-discharging gas is disposed within the channel, a cover disposed upon an upper junction surface of the bottom, the cover is coated with a fluorescent material, and an electric field generating means for generating an electric field, wherein the electric field generating means is placed along opposing lateral sides of the channel.

1. A flat lamp for emitting light to a surface area of a liquid crystal display device, comprising: a bottom having a channel uniformly crossing an entire surface of the bottom; an arc-discharging gas disposed within the channel; a cover disposed upon an upper junction surface of the bottom, the cover being coated with a fluorescent material; and an electric field generating means for generating an electric field, wherein the electric field generating means is placed along opposing lateral sides of the channel.